



DIST.	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
REGISTERED ENGINEER - CIVIL					
PLANS APPROVAL DATE					
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.					

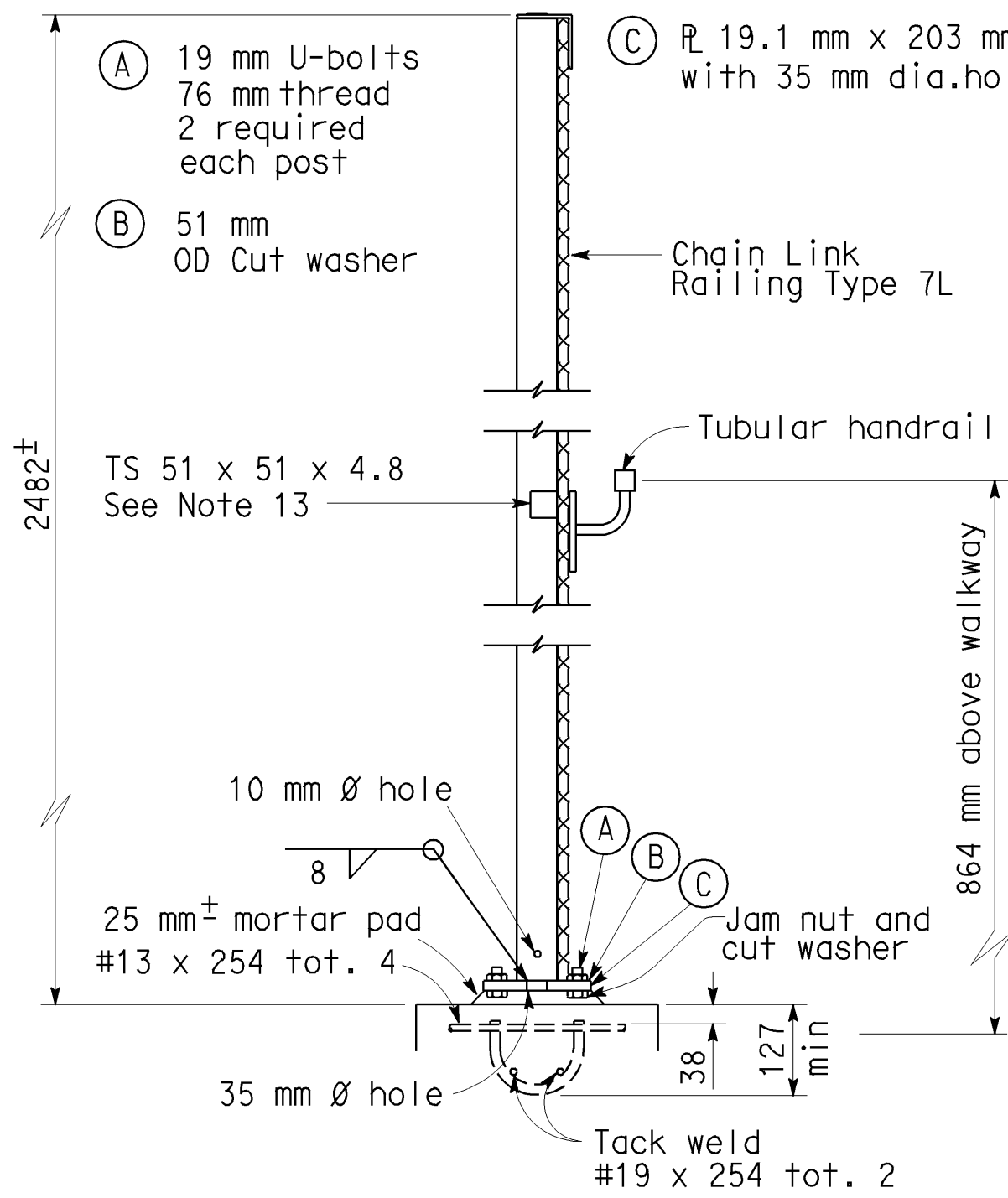
REGISTERED PROFESSIONAL ENGINEER

No. _____

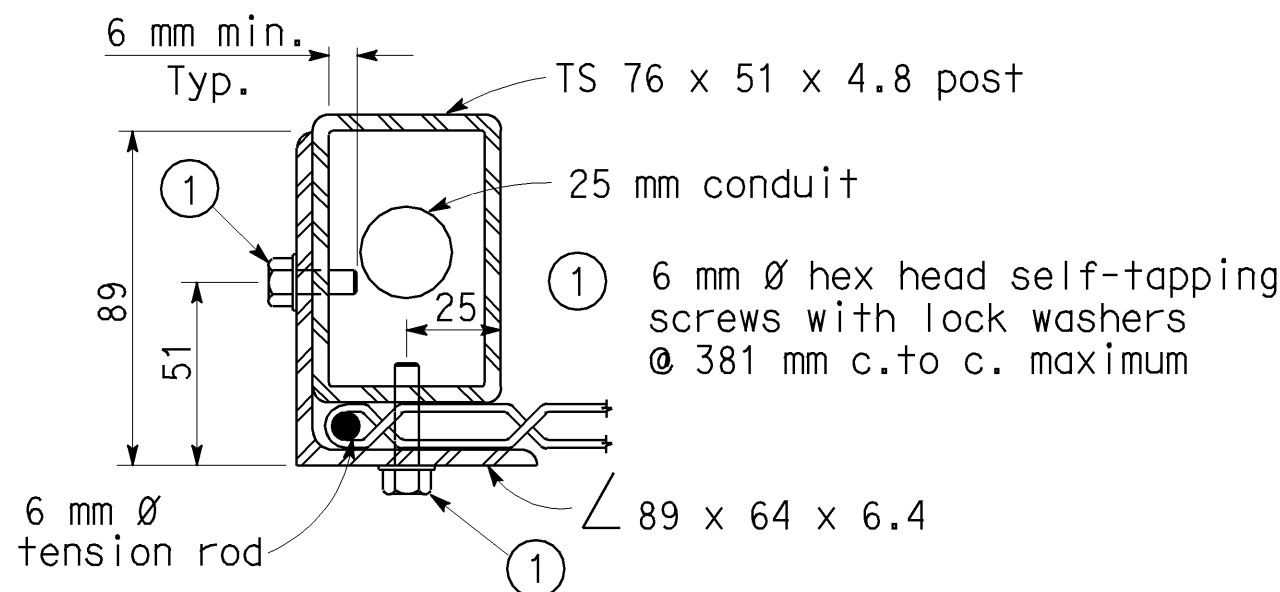
Exp. _____

CIVIL

STATE OF CALIFORNIA

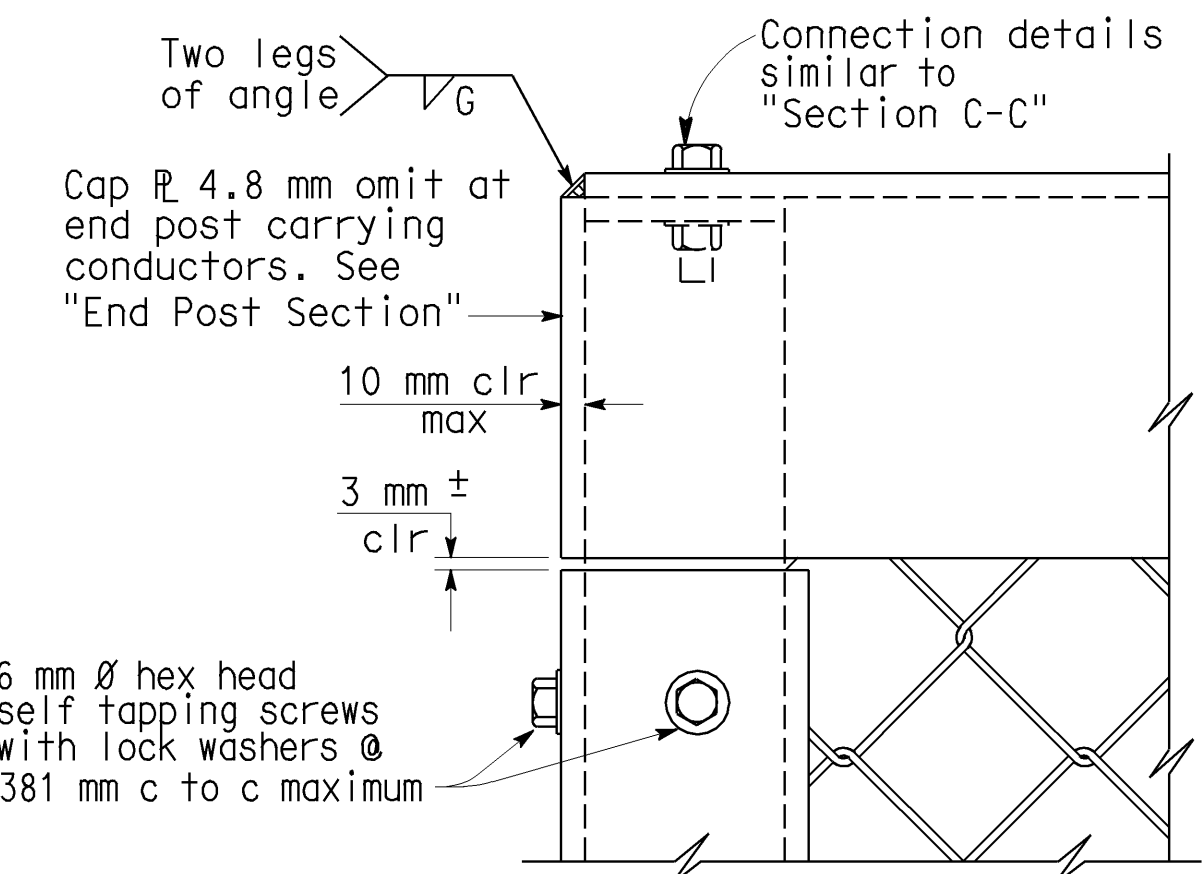


TYPICAL POST DETAIL

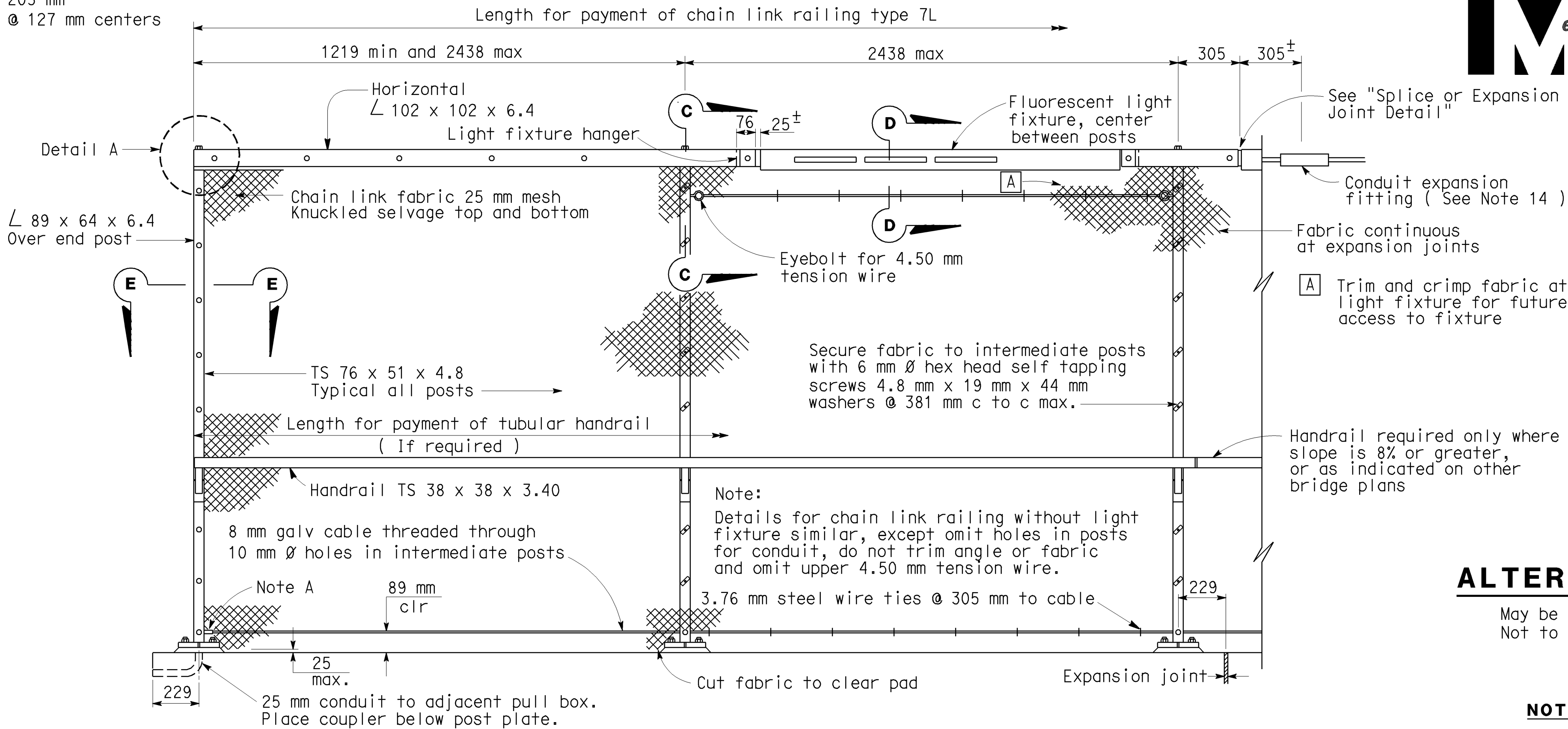


SECTION E-E

Note: Holes (For self-tapping screws) in end post shall be drilled before conduits are in place.



DETAIL A



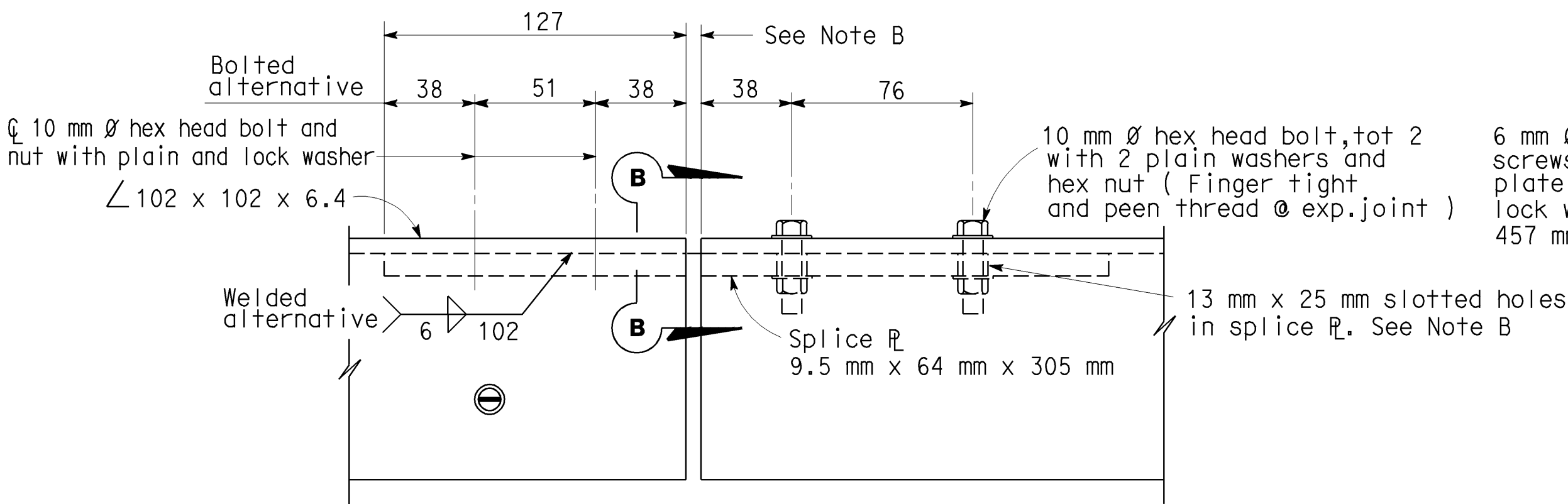
END POST

LIGHT FIXTURE PANEL

DECK OR WALL JOINT

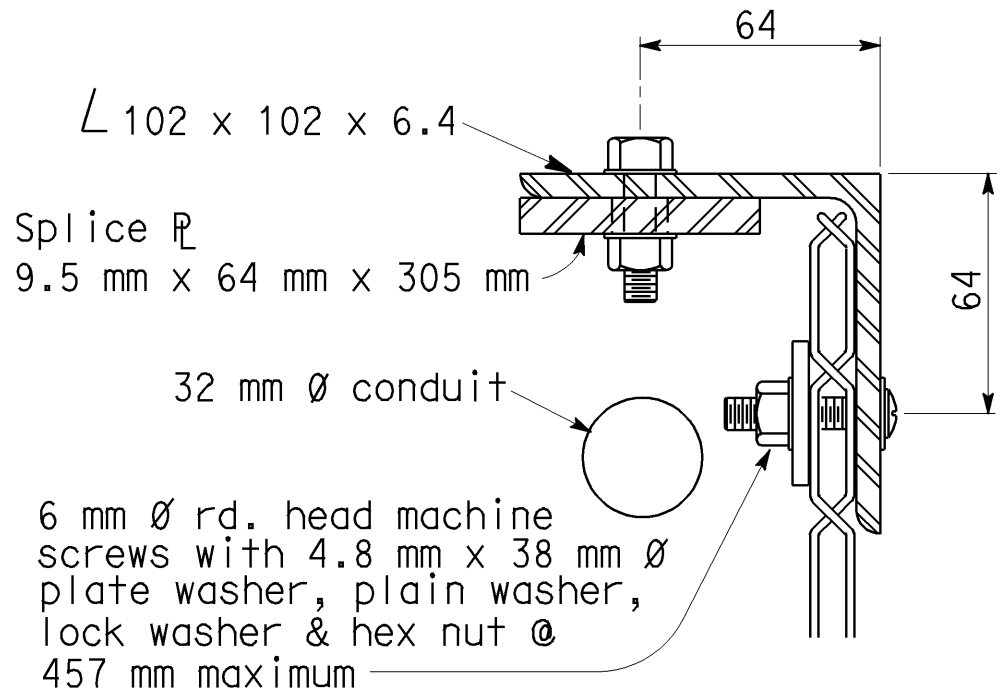
ELEVATION

Note A: Anchor 8 mm galvanized cable at end post with 13 mm Ø stud socket assembly or 13 mm Ø welded eyebolt and crimped sleeve clamp. Provide 38 mm min. take-up at each anchorage.



SPLICE OR EXPANSION JOINT DETAIL

Note B: Expansion joint same dimension as expansion joint in deck or wall. Increase slotted hole length and splice plate length correspondingly.



SECTION B-B

ALTERNATIVE ANCHORAGE DETAIL

May be used when thickness of concrete is 305 mm or more. Not to be used when post contains electrical conduit.

NOTES:

- Railing assembly except chain link fabric to be galvanized after fabrication.
- Railing shall conform to horizontal and vertical alignment. Post shall be vertical. Horizontal angle shall be bent to conform to horizontal alignment if radius is 45.72 m or less.
- Horizontal angle shall be continuous over not less than two intermediate posts, except that a shorter length is permitted at expansion joints and other rail discontinuities.
- When railing is placed on curved horizontal alignment with radius of 45.72 m or less, drill 13 mm x 76 mm deep hole in slab and set in epoxy adhesives 10 mm Ø welded eyebolt for 8 mm cable to limit the midordinate distance between the 8 mm cable and curve to be 25 mm max.
- Place fabric parallel to slope.
- Alternative details may be submitted by the Contractor for Engineer's approval.
- Provide thimbles at all cable loops.
- See "Pedestrian Overcrossing Fluorescent Lighting Fixture" for details not shown.
- Handrail tube continuous over two or more supports.
- Peen all exposed bolts.
- Electrical details for corner post are similar to those shown. Fabric to be trimmed and crimped around handhole.
- Conduit holes in posts will vary with slope of structure.
- TS 51 x 51 x 4.8 required for curves with radius of 45.72 m or less. Bend to conform to curve.
- Conduit expansion fitting to be required at deck or wall expansion joints with movement ratings greater than 25 mm.

NO SCALE

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN

STANDARD DRAWING				
RELEASE DATE	6/8/98	DESIGN BY	R.W. BISHOP	CHECKED J. HAMAGUCHI
FILE NO.	xs16-350-1	DETAILS BY	R. YEE	CHECKED J. HAMAGUCHI
		SUBMITTED BY	J. HAMAGUCHI	DRAWING DATE 4/91

DS OSD 2147A (METRIC) (REV. 2/25/97)

ORIGINAL SCALE IN MILLIMETERS FOR REDUCED PLANS

0 10 20 30 40 50 60 70 80 90 100

CU EA

BRIDGE NO.	
KILOMETER POST	
CHAIN LINK RAILING TYPE 7L SHEET 1 OF 2	

DISREGARD PRINTS BEARING EARLIER REVISION DATES

REVISION DATES (PRELIMINARY STAGE ONLY)

xs16-350-1.dgn